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FIG.2

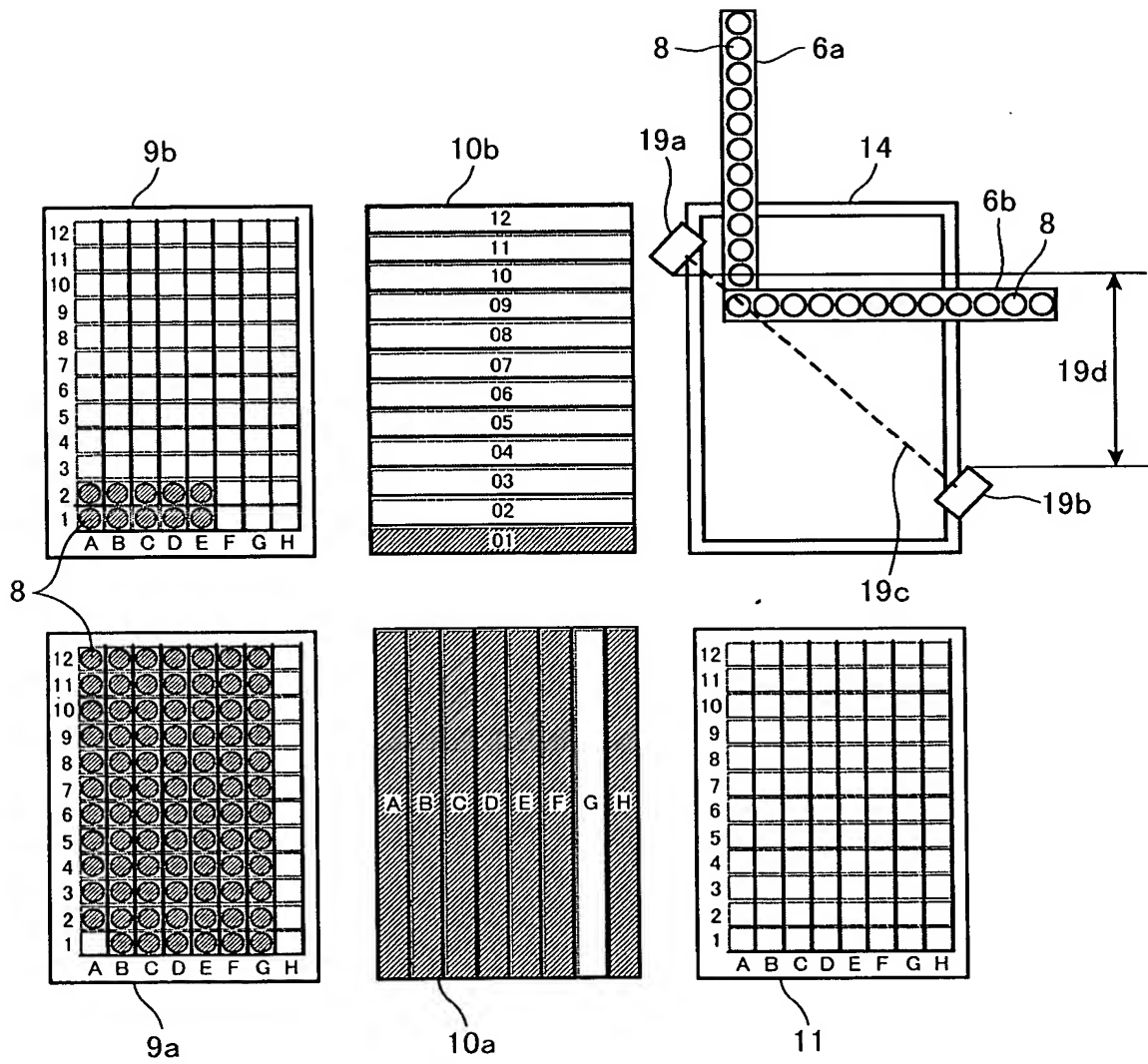


FIG.3

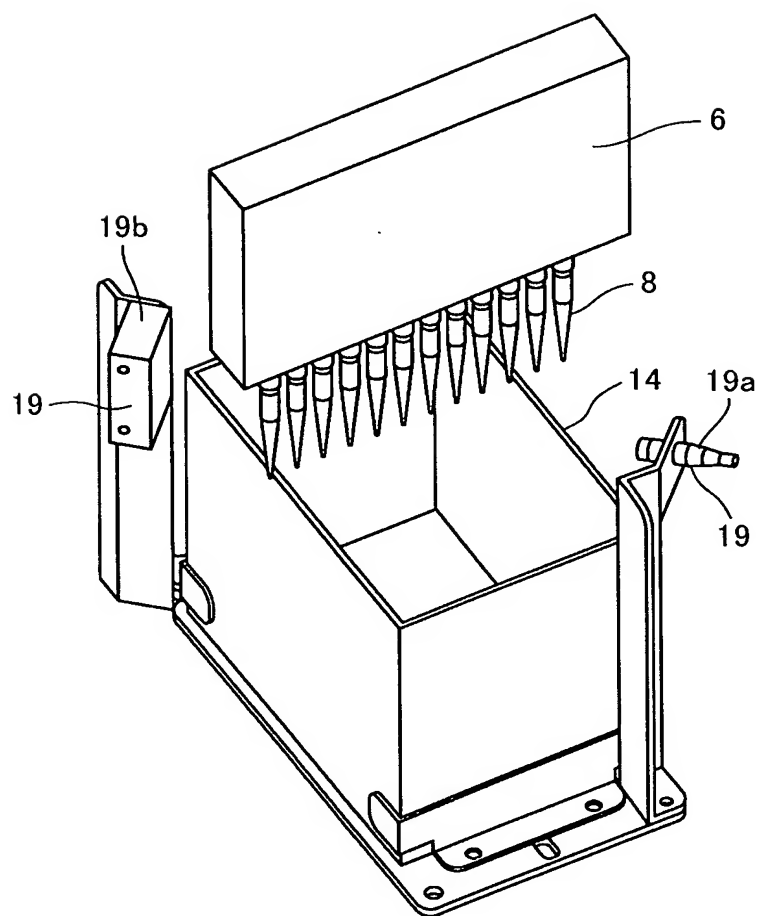


FIG.4

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PROTOCOLS

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EDIT MENU

DISPENSE

DILUTE

PRE-INCUBATE

INCUBATE → DISPENSE  
STOP SOLUTION

ANOTHER VACANT TIPS

TRASH

1 DISPENSE REAGENT 1, 144  $\mu$ l

2 DISPENSE REAGENT 2, 100  $\mu$ l

3 DILUTE 50  $\mu$ l

4 PRE-INCUBATE 600 sec

5 DISPENSE REAGENT 3, 100  $\mu$ l

6 DISPENSE REAGENT 4, 100  $\mu$ l

7 DISPENSE REAGENT 5, 100  $\mu$ l

8 DISPENSE REAGENT 6, 100  $\mu$ l

9 DISPENSE REAGENT 7, 100  $\mu$ l

10 INCUBATE → DISPENSE 1800 sec →  
STOP SOLUTION REAGENT 8, 75  $\mu$ l

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SET FORM: PROCESS 10

CANCEL SET

MEASUREMENT

	NAMES	TEMPERATURE
REAGENT 5	CYP2C19	4
REAGENT 6	CYP2D6	4
REAGENT 7	CYP3A4	4
REAGENT 8	Stop Solution	4

QUANTITY (10~100  $\mu$ l) 75 TIP TOUCH X

REACTION TIME (60~9999 sec) 1800

37

38

30

DISPENSING AREA / SELECTION OF DIRECTIONS

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DIRECTIONS

○ ↑

○ ↓

○ →

○ ←

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TIMER A	TIMER 1
TIMER B	TIMER 2
TIMER C	TIMER 3
TIMER D	TIMER 4
TIMER E	TIMER 5
TIMER F	TIMER 6
TIMER G	TIMER 7
TIMER H	TIMER 8
	TIMER 9
	TIMER 10
	TIMER 11
	TIMER 12

FIG.5

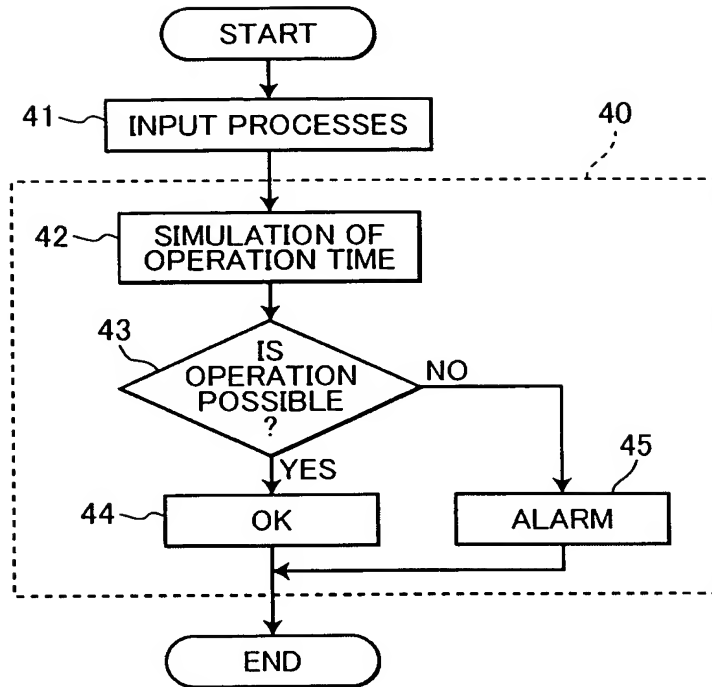


FIG.6

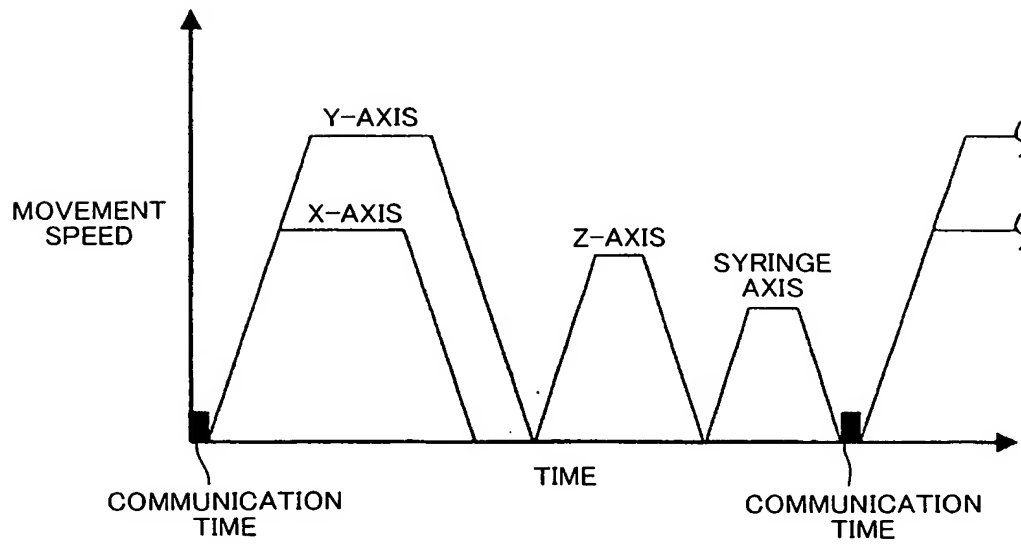


FIG. 7

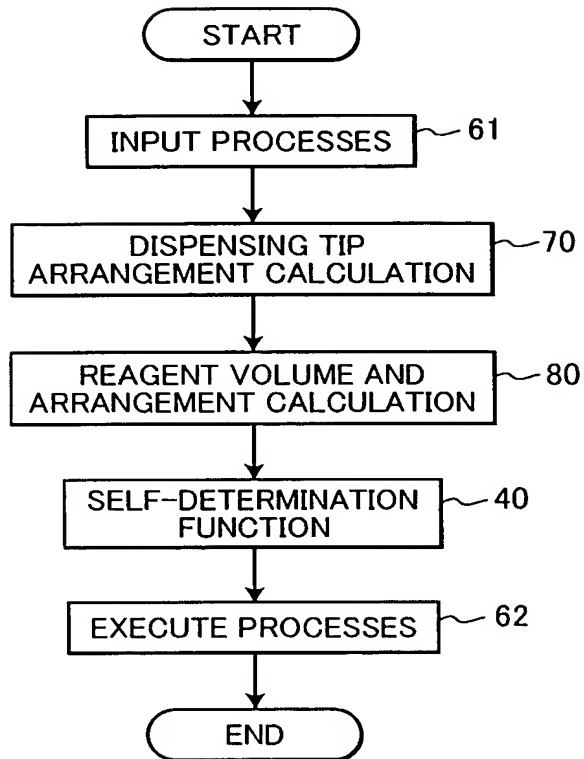


FIG.8

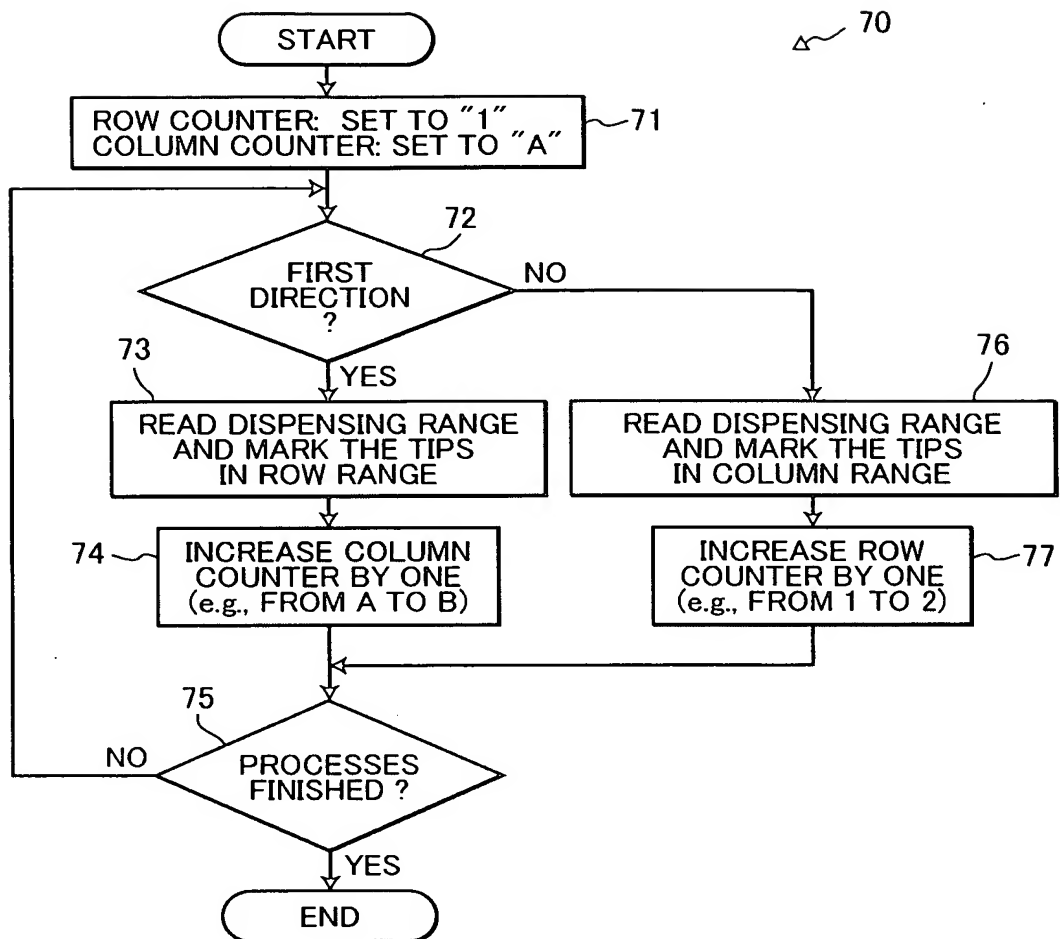




FIG. 9

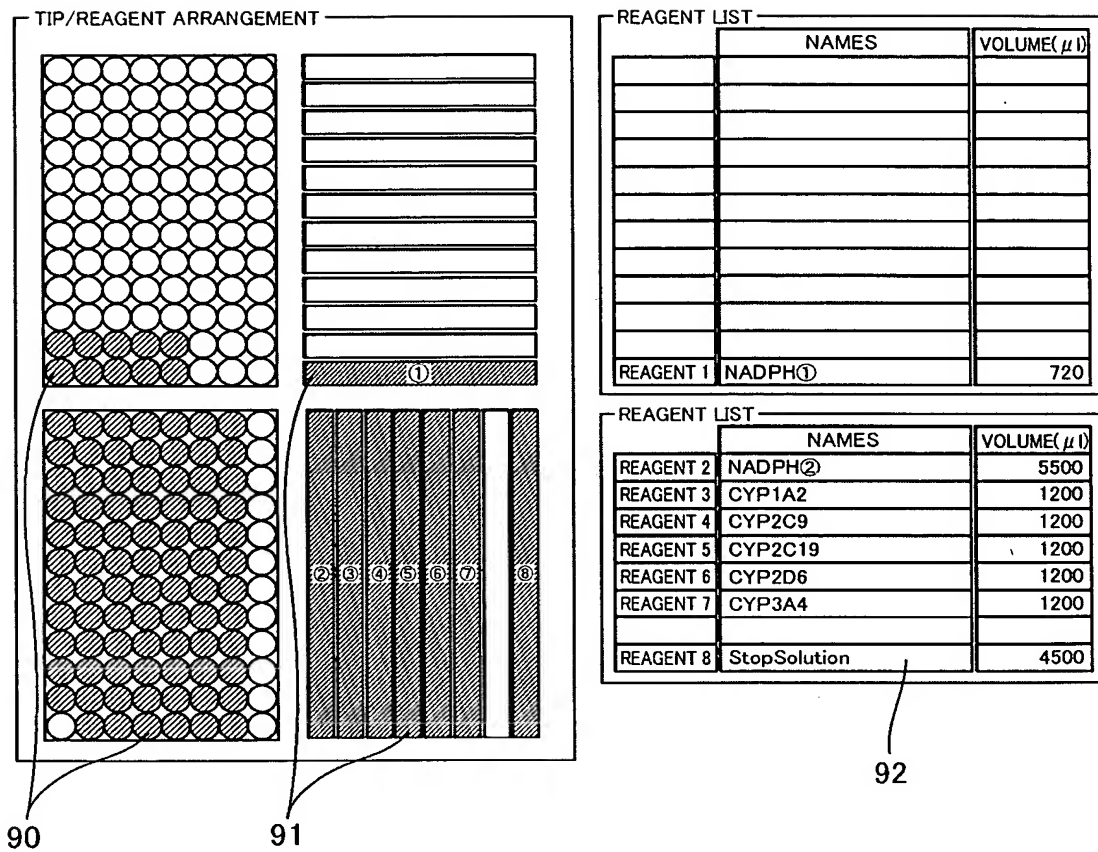


FIG.10

PROCESS NUMBER	PROCESS NAME	PROCESS (CONDITIONS)	TIME REQUIRED (SECONDS)
1	DISPENSE	ROW 1 COLUMNS A TO E DISPENSE 144 $\mu$ l REAGENT 1 IN $\uparrow$ DIRECTION	62
2	DISPENSE	FROM COLUMN A ROWS 2 TO 12 TO COLUMN E DISPENSE 100 $\mu$ l REAGENT 2 IN $\rightarrow$ DIRECTION	178
3	DILUTE	PIPETTING 5 TIMES FROM ROW 1 COLUMNS A TO E TO ROW 8 DILUTING DISPENSE 50 $\mu$ l IN $\uparrow$ DIRECTION	117
4	INCUBATE	AT 37°C FOR 10 MINUTES	600
5	DISPENSE	COLUMN A ROWS 1 TO 12 DISPENSE 100 $\mu$ l REAGENT 3 IN $\rightarrow$ DIRECTION	50
6	DISPENSE	COLUMN B ROWS 1 TO 12 DISPENSE 100 $\mu$ l REAGENT 4 IN $\rightarrow$ DIRECTION	50
7	DISPENSE	COLUMN C ROWS 1 TO 12 DISPENSE 100 $\mu$ l REAGENT 5 IN $\rightarrow$ DIRECTION	50
8	DISPENSE	COLUMN D ROWS 1 TO 12 DISPENSE 100 $\mu$ l REAGENT 6 IN $\rightarrow$ DIRECTION	50
9	DISPENSE	COLUMN E ROWS 1 TO 12 DISPENSE 100 $\mu$ l REAGENT 7 IN $\rightarrow$ DIRECTION	50
10	INCUBATE $\rightarrow$ DISPENSE STOP SOLUTION	INCUBATE AT 37°C TIME TO DISPENSING STOP SOLUTION 30 MINUTES	1800
		FROM COLUMN A ROWS 1 TO 12 TO COLUMN E DISPENSE 75 $\mu$ l REAGENT 8 IN $\rightarrow$ DIRECTION	220